

PRELIMINARY REPORT
INDUSTRY SERIES**1982**
Census of
Construction IndustriesCC82-I-15(P)
Issued April 1984TERRAZZO, TILE, MARBLE, AND MOSAIC WORK
SPECIAL TRADE CONTRACTORS
(Industry 1743)

During 1982, the establishments with paid employees classified in this industry accounted for \$1,201 million in total business receipts. Of this amount, \$1,181 million were receipts for construction work. These establishments paid out \$508 million for materials, components, supplies, and fuels and \$31.8 million for construction work subcontracted to others. This industry had total average employment of 25,219 employees with total payroll of \$382 million. Value added for 1982 was \$661 million.

Establishments classified in this industry are primarily engaged in setting and installing ceramic tile, marble, and mosaic, and in mixing marble particles and cement to make terrazzo at the site of construction. This industry also includes contractors engaged in fresco work and mantel work. For specific examples, refer to the 1972 Standard Industrial Classification (SIC) Manual, and its 1977 supplement, published by the Office of Management and Budget, Executive Office of the President.

For this census, a "construction establishment" was defined as a relatively permanent office or other place of business at which or from which the usual business activities related to construction were conducted. A separate census report was required from each establishment but not from each construction site. Instead, the data for work at each site were included in the report from the appropriate office or branch office. Foreign construction activities were not included in this census.

The 1982 estimates for establishments with paid employees in all of the construction industries are based on reports from a probability sample of approximately 172,000 establishments selected from a universe of about 498,000 construction establishments with payroll. The data obtained from the sample were weighted to represent all construction establishments with payroll. Complete descriptions of the sampling and estimating procedures will be included in the final reports.

Since the data in this report are based on a sample, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same questionnaires and procedures. The relative standard error shown in the tables is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population was surveyed.

All data shown are based on current dollars for the years specified and have not been adjusted for inflation.

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Table 1. General Statistics for Establishments With Payroll by States: 1982 and 1977

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4]

Location of establishment	1982							
	Number of establishments	Employees**		Payroll		Construction worker hours (thousands)	Total construction receipts	Net construction receipts†
		All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H	
United States -----	3 860	25 219	21 518	381 719	304 357	33 810	1 180 599	1 148 786
Alabama -----	50	242	210	2 926	2 310	349	10 209	9 942
Alaska -----	3	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Arizona -----	111	(D)	680	(D)	6 041	1 040	25 686	25 342
Arkansas -----	18	*95	*83	*1 148	*977	*135	*3 499	*3 469
California -----	658	3 593	2 997	67 376	52 027	4 454	192 330	188 927
Colorado -----	33	338	294	7 263	6 057	495	20 633	20 281
Connecticut -----	37	155	136	2 709	2 365	234	8 495	8 392
Delaware -----	11	61	45	1 192	748	82	3 078	2 888
District of Columbia -----	*2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida -----	437	2 453	2 143	30 524	24 427	3 385	100 421	97 056
Georgia -----	87	618	574	8 087	7 017	864	28 616	28 245
Hawaii -----	25	184	159	3 888	3 002	254	10 889	(D)
Idaho -----	*21	*21	*21	*83	*83	*21	*509	*489
Illinois -----	92	1 533	1 331	22 926	19 951	2 176	65 156	64 050
Indiana -----	42	259	205	4 321	3 396	311	12 265	11 781
Iowa -----	16	68	56	1 141	877	85	3 951	3 823
Kansas -----	*13	*35	*33	*513	*433	*48	*1 678	*1 565
Kentucky -----	40	211	191	2 810	2 358	291	8 964	8 915
Louisiana -----	74	782	686	10 994	8 700	1 123	31 246	30 380
Maine -----	*6	*38	*24	*714	*507	*54	*2 234	*2 193
Maryland -----	69	359	299	5 693	4 510	514	17 917	17 412
Massachusetts -----	84	531	428	8 418	6 567	725	28 600	26 999
Michigan -----	116	439	353	8 175	6 770	518	25 095	24 697
Minnesota -----	55	319	269	6 604	5 224	395	19 123	18 956
Mississippi -----	26	108	82	1 125	762	124	3 402	3 372
Missouri -----	45	287	240	4 989	3 808	344	12 809	12 656
Montana -----	*18	*48	*48	*385	*385	*57	*1 226	*1 220
Nebraska -----	17	104	88	1 399	1 153	142	3 072	3 072
Nevada -----	24	115	93	1 965	1 512	133	6 546	6 455
New Hampshire -----	*17	73	62	(D)	476	73	2 922	2 862
New Jersey -----	138	740	641	9 483	7 843	975	34 812	33 922
New Mexico -----	31	*286	*242	2 509	1 762	*407	6 692	6 609
New York -----	216	1 906	1 626	29 043	24 013	2 427	92 969	88 054
North Carolina -----	119	722	585	7 373	5 258	990	25 920	24 465
North Dakota -----	*3	*14	*13	*199	*150	*17	*871	*823
Ohio -----	76	481	385	8 880	7 049	611	23 153	22 470
Oklahoma -----	49	228	189	4 002	2 926	284	13 442	12 788
Oregon -----	21	(D)	455	(D)	6 349	514	(D)	(D)
Pennsylvania -----	125	748	645	12 746	10 517	1 078	41 004	39 949
Rhode Island -----	29	119	94	1 494	1 167	149	4 578	4 453
South Carolina -----	52	371	336	3 881	3 191	583	11 862	11 583
South Dakota -----	4	6	6	55	55	8	217	(D)
Tennessee -----	55	449	366	5 198	3 728	622	16 893	16 428
Texas -----	392	2 813	2 498	42 347	34 502	4 186	133 929	130 632
Utah -----	42	240	192	3 574	2 878	317	10 694	10 368
Vermont -----	*7	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Virginia -----	97	643	536	7 842	5 777	849	24 940	24 078
Washington -----	54	434	374	8 198	6 437	545	20 480	19 556
West Virginia -----	*9	50	37	897	603	57	(D)	2 354
Wisconsin -----	80	521	402	9 395	6 889	655	32 177	31 296
Wyoming -----	*3	(D)	18	(D)	375	31	1 155	1 148

1982—Con.						1977			Relative standard error of estimate (percent) for column—			Location of establishment
Value added††	Payments for materials, components, supplies, and fuels	Payments for construction work sub-contracted to others	Rental payments for machinery, equipment, and structures	Capital expenditures, other than land	End-of-year gross value of depreciable assets	All employees**	Total construction receipts	Value added††				
I	J	K	L	M	N	O	P	Q	B	H	M	
660 991	507 918	31 813	9 247	13 878	116 888	22 324	766 114	443 049	1	1	4	U.S.
5 421 (S)	(D)	*267 (S)	*9 (S)	109 (S)	1 266 (S)	543 (D)	12 936 (D)	7 754 (D)	20	22	11	Ala.
14 512	11 410	344	286	433	3 326	462	14 117	8 053	-	-	-	Alaska
*1 929	*1 545	*30	*35	*40	*1 060	122	4 183	3 591	45	45	18	Ariz.
113 064	77 863	3 403	2 118	1 995	20 216	3 520	161 113	97 442	3	3	9	Ark.
												Calif.
9 086	(D)	351	166	232	1 707	148	5 580	3 409	10	8	(W)	Colo.
4 620	3 784	102	41	39	452	151	4 665	2 697	26	24	14	Conn.
1 942	984	190	*7	24	299	(D)	1 596	933	24	22	(W)	Del.
(D)	(D)	(D)	(D)	(D)	(D)	89	2 778	1 964	-	-	-	D.C.
52 798	46 400	3 365	771	1 495	10 807	2 091	60 164	31 192	6	6	14	Fla.
15 205	13 071	371	186	*109	1 615	669	14 804	7 999	15	12	41	Ga.
7 990	3 861	(D)	449	63	483	106	4 010	2 468	15	-	21	Hawaii
*205	*284	*20	*7	(S)	*218	*69	*1 342	*840	42	56	-	Idaho
40 699	25 086	1 106	513	297	5 432	756	35 281	18 982	4	4	12	Ill.
7 295	4 594	484	147	258	1 279	282	10 124	6 501	18	17	37	Ind.
2 379	(D)	(S)	(D)	(S)	395	98	3 781	2 072	30	35	-	Iowa
*829	*740	*113	(D)	(D)	340	125	3 543	2 003	43	43	-	Kans.
5 514	3 529	49	58	302	1 024	221	6 404	3 454	15	13	21	Ky.
16 788	13 667	865	477	369	3 234	423	12 251	6 969	8	9	14	La.
*1 228	*968	*40	35	105	279	24	936	432	42	44	32	Maine
9 976	7 592	505	203	558	2 247	619	21 022	11 649	19	16	36	Md.
14 300	12 967	1 601	159	144	2 308	404	13 185	7 621	11	11	18	Mass.
14 320	10 425	397	162	192	2 463	618	30 754	17 942	13	13	19	Mich.
12 113	(D)	167	29	137	2 667	406	16 175	9 794	8	10	3	Minn.
1 660	*1 711	*30	*27	(S)	*542	191	4 911	2 763	26	37	-	Miss.
7 570	5 886	153	120	83	907	292	11 647	7 295	16	13	5	Mo.
*660	*560	*6	-	*7	*195	*27	*1 341	*692	48	47	63	Mont.
2 141	1 453	-	-	(D)	286	42	1 083	639	27	19	-	Nebr.
3 974	2 622	*91	107	52	670	219	5 890	3 504	23	28	29	Nev.
1 318	(D)	60	(D)	(S)	50	(D)	(D)	(D)	22	16	-	N.H.
19 433	14 558	890	80	278	3 395	443	14 956	8 616	13	10	18	N.J.
4 104	3 637	83	73	205	1 376	192	3 303	2 766	41	25	28	N. Mex.
48 660	41 021	4 915	722	1 531	8 293	1 210	43 320	26 331	5	6	16	N.Y.
12 820	11 777	1 455	214	382	3 121	832	21 340	11 361	11	8	17	N.C.
*355	*468	*47	*6	(S)	*36	*9	*269	*132	47	44	-	N. Dak.
13 105	9 401	683	128	119	1 672	466	19 411	11 482	13	10	8	Ohio
6 825	6 040	654	74	306	894	219	6 839	4 165	16	13	31	Okla.
18 400	(D)	7	*177	*177	2 251	101	3 141	1 971	-	-	58	Oreg.
24 011	16 433	1 055	107	419	3 862	818	28 876	17 154	9	16	19	Pa.
2 276	2 176	*125	*18	*24	463	78	2 343	1 212	35	38	47	R.I.
6 701	4 897	279	59	88	1 239	432	9 814	5 634	16	9	(W)	S.C.
111	101	(D)	-	(S)	(D)	(D)	996	763	14	-	-	S. Dak.
9 164	7 920	465	111	327	2 437	551	14 894	8 119	18	17	16	Tenn.
75 045	56 070	3 296	844	1 957	12 767	2 364	70 015	37 489	5	4	11	Tex.
6 240	5 082	326	39	84	1 346	363	12 159	7 832	14	12	(W)	Utah
(S)	(S)	(S)	(S)	(S)	(S)	(D)	(D)	(D)	-	-	-	Vt.
12 516	11 733	862	192	378	3 182	701	18 178	9 561	9	8	11	Va.
10 431	(D)	924	182	182	1 421	184	7 951	4 172	8	8	29	Wash.
1 628	1 197	(D)	35	(S)	165	76	2 126	1 468	17	16	-	W. Va.
18 145	14 210	881	159	300	2 608	396	15 778	9 977	9	9	14	Wis.
598	549	*7	21	48	361	(D)	956	576	-	24	29	Wyo.

Table 2. Construction Receipts for Establishments With Payroll by Type of Construction: 1982 and 1977

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4]

Item	1982	1977	Relative standard error of estimate (percent)	
			1982	1977
Total construction receipts -----	1 180 599	766 114	2	1
Building construction -----	1 023 689	676 372	1	1
Single-family houses -----	313 641	263 139	3	3
Apartment buildings with two or more apartments -----	79 863	78 272	6	4
Other residential buildings -----	45 522	30 527	4	4
Industrial buildings and warehouses -----	109 005	52 470	2	1
Office and bank buildings -----	173 417	57 011	3	2
Stores, restaurants, public garages, and automobile service stations -----	126 477	63 177	4	3
Religious buildings -----	25 490	12 990	2	2
Educational buildings -----	55 930	57 397	4	1
Hospitals and institutional buildings -----	69 051	49 324	3	1
Amusement, social, and recreational buildings -----	7 724	8 419	6	1
Other nonresidential buildings -----	17 563	3 646	11	10
Nonbuilding construction -----	7 502	14 914	9	10
Outdoor swimming pools -----	2 022	8 267	27	16
Other nonbuilding construction -----	5 476	6 647	4	8
Construction work, n.s.k. -----	149 408	74 840	4	7

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The following abbreviations and symbols are used in the tables in this publication:

- * Sampling error exceeds 40 percent.
- ** All employees (average) is the sum of construction workers during pay period including 12th of March, May, August, and November divided by 4, added to all others, March 12th.
- Represents zero.
- † Represents total construction receipts less payments for construction work subcontracted to others.
- †† Represents all business receipts less payments for construction work subcontracted to others, and payments for materials, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "all business receipts."
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.

